

		ATTY. DOCKET NO. 2107.1050002/TUM/RLP	APPLICATION NO. 10/699,867
FORM PTO-1449  INFORMATION DISCLOSURE STATEMENT <i>JUL 01 2004</i>		FIRST NAMED INVENTOR Sidia et al.	
		FILING DATE Nov. 4, 2003	ART UNIT 1722

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>TW/H</i>	AA1 2865050	Jun 6 1955	Strauss	—	—	
<i>TW/H</i>	AB1 3488810	Jan 13 1970	Gellert	—	—	
	AC1 3716318	Feb 13 1973	Erik et al.	—	—	
	AD1 3741704	Jun 26 1973	Beasley	—	—	
	AE1 3952927	Apr 27 1976	Shaumburg et al.	—	—	
	AF1 4004871	Jan 25 1977	Hardy	—	—	
	AG1 4010903	Mar 8 1977	Sakuri et al.	—	—	
	AH1 4013393	Mar 22 1977	Gellert	—	—	
	AI1 4043740	Aug 23 1977	Gellert	—	—	
	AJ1 4173448	Nov 6 1979	Rees et al.	—	—	
	AK1 4306852	Dec 22 1981	Mateev et al.	—	—	
<i>TW/H</i>	AL1 4368028	Jan 11 1983	Grish et al.	—	—	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>TW/H</i>	AM1 DE 3245571 A1	Jun 20 1984	Germany			X Yes No
	AN1 DE 29602484 U1	May 9 1996	Germany			X Yes No
	AO1 DE 19608676 C1	Jan 1 1997	Germany			X Yes No
	AP1 EP 0638407 A1	Feb 15 1995	Europe			X Yes No
<i>TW/H</i>	AR1 EP 0750975 A1	Jan 2 1997	Europe			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AS	1	
<i>TW/H</i>	AT	1	PCT Search Report for WO 03/70446 (Application No. PCT/CA03/00244), dated May 16, 2003.
<i>TW/H</i>	AU	1	Images and information from "Gunther Hot Runner Technology" taken from Gunther website August 2003.

EXAMINER <i>Tim Heiterbrink</i>	DATE CONSIDERED <i>10-18-05</i>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449  <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 2107.1050002/TUM/RLP	APPLICATION NO. 10/699,867
		FIRST NAMED INVENTOR Sicilia et al.	
		FILING DATE Nov. 4, 2003	ART UNIT 1722

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>TWH</i>	AA2	4412807	Nov 1 1983	York	—	—	
	AB2	4652230	Mar 24 1987	Osuna-Diaz	—	—	
	AC2	4768283	Sep 6 1988	Gellert	—	—	
	AD2	4768945	Sept 6 1988	Schmidt et al.	—	—	
	AE2	4771164	Sept 13 1988	Gellert	—	—	
	AEF	4781572	Nov 1 1988	Boring	—	—	
	AG2	4832593	May 23 1989	Brown	—	—	
	AH2	4875848	Oct 24 1989	Gellert	—	—	
	AI2	4911636	Mar 27 1990	Gellert	—	—	
	AJ2	4925384	May 15 1990	Manner	—	—	
	AK2	4945630	Aug 7 1990	Gellert	—	—	
	AL2	4981431	Jan 1 1991	Schmidt	—	—	
<i>TWH</i>	AM2	5015170	May 14 1991	Gellert	—	—	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>TWH</i>	AN2	EP 0873841 A2	Oct 28 1998	Europe	—	—	Yes No
	AO2	EP 0962296 A2	Dec 8 1999	Europe	—	—	X Yes No
	AP2	EP 1188537 A2	Mar 20 2002	Europe	—	—	Yes No
	AR2	FR 2537497	Jun 15 1994	France	—	—	X Yes No
<i>TWH</i>	AS2	JP 5-177664	Jul 20 1993	Japan	—	—	X Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>TWH</i>	AT	2	Press Release entitled "Mold-Masters Introduces The New Accu-Gate Virtually Eliminating Gate Wear" (Dec. 12, 2002)
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<i>TWH</i>	AU	2	Images and Information from website of Mold Hotrunner Solutions (date unknown)
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<i>TWH</i>	AV	2	H.P. Manner, "Nadelverschlusselementen fur kurze Zykluszeit," <u>Kunststoffe</u> 85(2):166-168 (1995).
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EXAMINER <i>Tim Wickrich</i>	DATE CONSIDERED <i>10-18-05</i>
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		ATTY. DOCKET NO. 2107.1050002/TUM/RLP	APPLICATION NO. 10/699,867
FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		FIRST NAMED INVENTOR Sicia et al.	
		FILING DATE Nov. 4, 2003	ART UNIT 1722

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
TWH	AA3	5028227	Jul 2 1991	Gellert et al.	—	—	
	AB3	5053271	Oct 1 1991	Mori et al.	—	—	
	AC3	5208052	May 4 1993	Schmidt et al.	—	—	
	AD3	5254305	Oct 19 1993	Fernandez et al.	—	—	
	AE3	5299928	Apr 5 1994	Gellert	—	—	
	AF3	5334008	Aug 2 1994	Gellert	—	—	
	AG3	5421716	Jun 6 1995	Gellert	—	—	
	AH3	5443381	Aug 22 1995	Gellert	—	—	
	AI3	5492467	Feb 20 1996	Hume et al.	—	—	
	AJ3	5501594	Mar 26 1996	Glozer et al.	—	—	
	AK3	5505613	Apr 9 1996	Krummenacher	—	—	
	AL3	5545028	Aug 13 1996	Hume et al.	—	—	
TWH	AM3	5554395	Sep 10 1996	Hume et al.	—	—	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
TWH	AN3	JP 5-261770	Oct 12 1993	Japan	—	—	Yes No
	AO3	JP 5-309695	Nov 22 1993	Japan	—	—	Yes No
	AP3	JP 7-148786	Jun 13 1995	Japan	—	—	Yes No
	AR3	JP 8-90598	Apr 9 1996	Japan	—	—	Yes No
TWH	AS3	JP 10-264222	Oct 6 1998	Japan	—	—	Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TWH	AT	3	Ewikon Product Catalog entitled "AuBenbeheizte HeiBkanalduse, 230 V, fur schnelle Farbwechsel," 3 pages, dated October 2000.
TWH	AU	3	Kona Corporation Catalog entitled "Kona Bushing for Sprueless Molding," pages 1-24, dated June 25, 2001.
	AV	3	

EXAMINER *Tim Neibink* DATE CONSIDERED *10-18-05*

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		ATTY. DOCKET NO. 2107.1050002/TUM/RLP	APPLICATION NO. 10/699,867
FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		FIRST NAMED INVENTOR Sicilia et al.	
		FILING DATE Nov. 4, 2003	ART UNIT 1722

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>TW/H</i>	AA4	5652003	Jul 29 1997	Gellert	—	—	
	AB4	5658604	Aug 19 1997	Gellert et al.	—	—	
	AC4	5695793	Dec 9 1997	Bauer	—	—	
	AD4	5700499	Dec 23 1997	Bauer	—	—	
	AE4	5804228	Sep 8 1998	Kofzman et al.	—	—	
	AF4	5811140	Sep 22 1998	Manner	—	—	
	AG4	5834041	Nov 10 1998	Sekine et al.	—	—	
	AH4	5849343	Dec 15 1998	Gellert et al.	—	—	
<i>TW/H</i>	AI4	5879727	Mar 9 1999	Puri	—	—	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>TW/H</i>	AJ4	JP 10-296798	Nov 10 1998	Japan	—	—	Yes No
	AK4	JP 11-254488	Sep 21 1999	Japan	—	—	Yes No
	AL4	JP 2002-307492	Oct 23 2002	Japan	—	—	Yes No
	AM4	JP 2003-11173	Jan 15 2003	Japan	—	—	Yes No
<i>TW/H</i>	AN4	JP 2003-11174	Jan 15 2003	Japan	—	—	Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AO	4	
	AP	4	
	AQ	4	

EXAMINER <i>Tina Winkler</i>	DATE CONSIDERED <i>10-18-05</i>
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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 2107.1050002/TUM/RLP	APPLICATION NO. 10/699,867
		FIRST NAMED INVENTOR Sicilia et al.	FILING DATE Nov. 4, 2003
		ART UNIT 1722	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
TW/H	AA5	5895669	Apr 20 1999	Seres, Jr. et al.	—	—	
	AB5	5941637	Aug 24 1999	Maurer	—	—	
	AC5	6003182	Dec 21 1999	Song	—	—	
	AD5	6009616	Jan 4 2000	Gellert	—	—	
	AE5	6017209	Jan 25 2000	Gellert et al.	—	—	
	AF5	6030202	Feb 29 2000	Gellert et al.	—	—	
	AG5	6050806	Apr 18 2000	Ko	—	—	
	AH5	6089468	Jul 18 2000	Bouti	—	—	
	AI5	6164954	Dec 26 2000	Mortazavi et al.	—	—	
	AJ5	6227461	May 8 2001	Schroeder et al.	—	—	
	AK5	6245278	Jun 12 2001	Lausenhammer et al.	—	—	
TW/H	AL5	6264460	Jul 24 2001	Wright et al.	—	—	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
TW/H	AM5	JP 2003-11176	Jan 15 2003	Japan	—	—	Yes X No
	AN5	WO 84/00922	Mar 15 1984	PCT	—	—	Yes X No
	AO5	WO 01/78961 A1	Oct 25 2001	PCT	—	—	Yes No
	AP5	WO 03/004243 A1	Jan 16 2003	PCT	—	—	Yes No
	AR5	WO 03/070446 A1	Aug 28 2003	PCT	—	—	Yes No
TW/H	AS5	WO 2004/012923 A2	Feb 12 2004	PCT	—	—	Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AT	5	
	AU	5	
	AV	5	
EXAMINER	<i>Jean Michelin</i>		DATE CONSIDERED <i>10/08/05</i>
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		FIRST NAMED INVENTOR Sicilia et al.	FILING DATE Nov. 4, 2003
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>JW/H</i>	AA6	6273706	Aug 14 2001	Gunther	—	—	
	AB6	6309208	Oct 30 2001	Kazmer et al.	—	—	
	AC6	6358038	Mar 19 2002	Rozenberg	—	—	
	AD6	6358039	Mar 19 2002	Manner et al.	—	—	
	AE6	6419116	Jul 16 2002	Eigler et al.	—	—	
	AF6	2003/0008034	Jan 9 2003	Niewels	—	—	
	AG6	2003/0170340	Sep 11 2003	Sicilia et al.	—	—	
<i>JW/H</i>	AH6	2004/0071817	Apr 15 2004	Fischer et al.	—	—	
	AI6						
	AJ6						
	AK6						
	AL6						
	AM6						

## FOREIGN PATENT DOCUMENTS

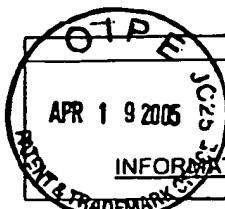
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AN6						Yes
	AO6						No
	AP6						Yes
	AR6						No
	AS6						Yes
							No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AT	6	
	AU	6	
	AV	6	

EXAMINER <i>John Harms</i>	DATE CONSIDERED <i>10/8/05</i>
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APR 19 2005

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
2107.2300000APPLICATION NO.  
10/699,867

## FIRST NAMED INVENTOR

Denis Babin

## FILING DATE

November 4, 2003

ART UNIT  
1722

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
TWJ	AA1	5,845,853	Dec. 8, 1998	Friedman	—	—	
TWJ	AB1	2004/0058031	Mar. 25, 2004	Niewels	—	—	
TWJ	AC1	2004/0208949	Oct. 21, 2004	Niewels	—	—	
	AD1						
	AE1						
	AF1						
	AG1						
	AH1						
	AI1						
	AJ1						
	AK1						
	AL1						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
TWJ	BA2	CA 2,473,920	Aug. 28, 2003	Canada	—	—	Yes No
	BB2						Yes No
	BC2						Yes No
	BD2						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TWJ	CA	2	PCT International Search Report for International Application No. PCT/CA2004/001920 mailed March 14, 2005.
	CB	2	
	CC	2	

EXAMINER

*Denis Niewels*

DATE CONSIDERED

10-18-05

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